

BETA-CAP73 CONTROL OF NORMAL AND ABNORMAL CELL MIGRATION

Abstract of the Disclosure

5 The invention provides isolated nucleic acids molecules, designated β CAP73 nucleic acid molecules, which encode a novel actin binding protein. The invention also provides antisense nucleic acid molecules, recombinant expression vectors containing β CAP73 nucleic acid molecules, host cells into which the expression vectors have been introduced, and nonhuman transgenic animals in which a β CAP73 gene has been introduced or 10 disrupted. The invention still further provides isolated β CAP73 proteins, fusion proteins, mutant proteins, antigenic peptides and anti- β CAP73 antibodies. Diagnostic and therapeutic methods utilizing compositions of the invention are also provided. 15